

**[0018]** In some embodiments, a calibration component may be configured to receive a request to calibrate emotion detection and present a type of emotion to a user. The calibration component may utilize the imaging component and the emotion detection component to detect emotion characteristics and store an association between the presented type of emotion and the detected emotion characteristics in the storage component. Other embodiments are described and claimed.

**[0019]** Reference is now made to the drawings, wherein like reference numerals are used to refer to like elements throughout. In the following description, for purposes of explanation, numerous specific details are set forth in order to provide a thorough understanding thereof. It may be evident, however, that the novel embodiments can be practiced without these specific details. In other instances, well-known structures and devices are shown in block diagram form in order to facilitate a description thereof. The intention is to cover all modifications, equivalents, and alternatives consistent with the claimed subject matter.

**[0020]** FIG. 1 illustrates a block diagram for a system **100**. In one embodiment, the system **100** may comprise one or more components. Although the system **100** shown in FIG. 1 has a limited number of elements in a certain topology, it may be appreciated that the system **100** may include more or less elements in alternate topologies as desired for a given implementation. The system **100** may include a device **110**, which may be generally operative to interact with server devices **122** over a network interface **120**. Device **110** may include one or more processing units, storage units, network interfaces, or other hardware and software elements described in more detail below.

**[0021]** In an embodiment, device **110** may comprise without limitation a mobile device, a personal digital assistant, a mobile computing device, a smart phone, a cellular telephone, a handset, a one-way pager, a two-way pager, a messaging device, a computer, a personal computer (PC), a desktop computer, a laptop computer, a notebook computer, a handheld computer, a tablet computer, or a wearable computing device such as a smart watch. Server devices **122** may comprise without limitation a server, a server array or server farm, a web server, a network server, an Internet server, a work station, a mini-computer, a mainframe computer, a supercomputer, a network appliance, a web appliance, multiprocessor systems, processor-based systems, or any combination thereof.

**[0022]** In various embodiments, device **110** and server devices **122** may comprise or implement multiple components or modules. As used herein the terms “component” and “module” are intended to refer to computer-related entities, comprising either hardware, a combination of hardware and software, software, or software in execution. For example, a component and/or module can be implemented as a process running on a processor, a hard disk drive, multiple storage drives (of optical and/or magnetic storage medium), an object, an executable, a thread of execution, a program, and/or a computer. By way of illustration, both an application running on a server and the server can be a component and/or module. One or more components and/or modules can reside within a process and/or thread of execution, and a component and/or module can be localized on one computer and/or distributed between two or more computers as desired for a given implementation. The embodiments are not limited in this context.

**[0023]** The various devices within system **100**, and components and/or modules within a device of system **100**, may be communicatively coupled via various types of communications media as indicated by various lines or arrows. The devices, components and/or modules may coordinate operations between each other. The coordination may involve the uni-directional or bi-directional exchange of information. For instance, the devices, components and/or modules may communicate information in the form of signals communicated over the communications media. The information can be implemented as signals allocated to various signal lines. In such allocations, each message is a signal. Further embodiments, however, may alternatively employ data messages. Such data messages may be sent across various connections. Exemplary connections within a device include parallel interfaces, serial interfaces, and bus interfaces. Exemplary connections between devices may comprise network connections over a wired or wireless communications network.

**[0024]** In various embodiments, device **110** and server devices **122** of the system **100** may be organized as a distributed system. A distributed system typically comprises multiple autonomous computers that communicate through a computer network. The computers interact with each other in order to achieve a common goal, such as solving computational problems. For example, a computational problem may be divided into many tasks, each of which is solved by one computer. A computer program that runs in a distributed system is called a distributed program, and distributed programming is the process of writing such programs. Examples of a distributed system may include, without limitation, a client-server architecture, a 3-tier architecture, an N-tier architecture, a tightly-coupled or clustered architecture, a peer-to-peer architecture, a master-slave architecture, a shared database architecture, and other types of distributed systems. It is worthy to note that although some embodiments may utilize a distributed system when describing various enhanced techniques for data retrieval, it may be appreciated that the enhanced techniques for data retrieval may be implemented by a single computing device as well. The embodiments are not limited in this context.

**[0025]** Device **110** may include a memory **102** and processor **104**, which may include one or more storage and processing components described in more detail herein. In an embodiment, device **110** may include one or more applications **106**. Applications **106** may include, but are not limited to, native mobile applications, web applications, desktop software applications, or any combination thereof. Examples of native mobile applications may include social networking applications, newsreader applications, photography applications, video applications, media applications, search applications, games, e-reading applications, or the like. Applications **106** may communicate over interface **109** with API component **116**, which may provide one or more application programming interfaces.

**[0026]** Device **110** may further include sensors **108**, which may include accelerometer, temperature, gravity, light, acceleration, magnetic field, orientation, pressure, rotational vector, or other sensors capable of sensing characteristics of a device and its environment. Such sensors may be independent, or integrated into a processing component, such as processor **104**, for example. In some embodiments, sensors **108** may be used to detect when a user is looking at a device. For example, an accelerometer, or other combination of sensors, may detect that a device has been picked up and is being